

Kleinrock

SPADE Administrative Note #178

K. Sei
17 December 71

SPADE Meeting

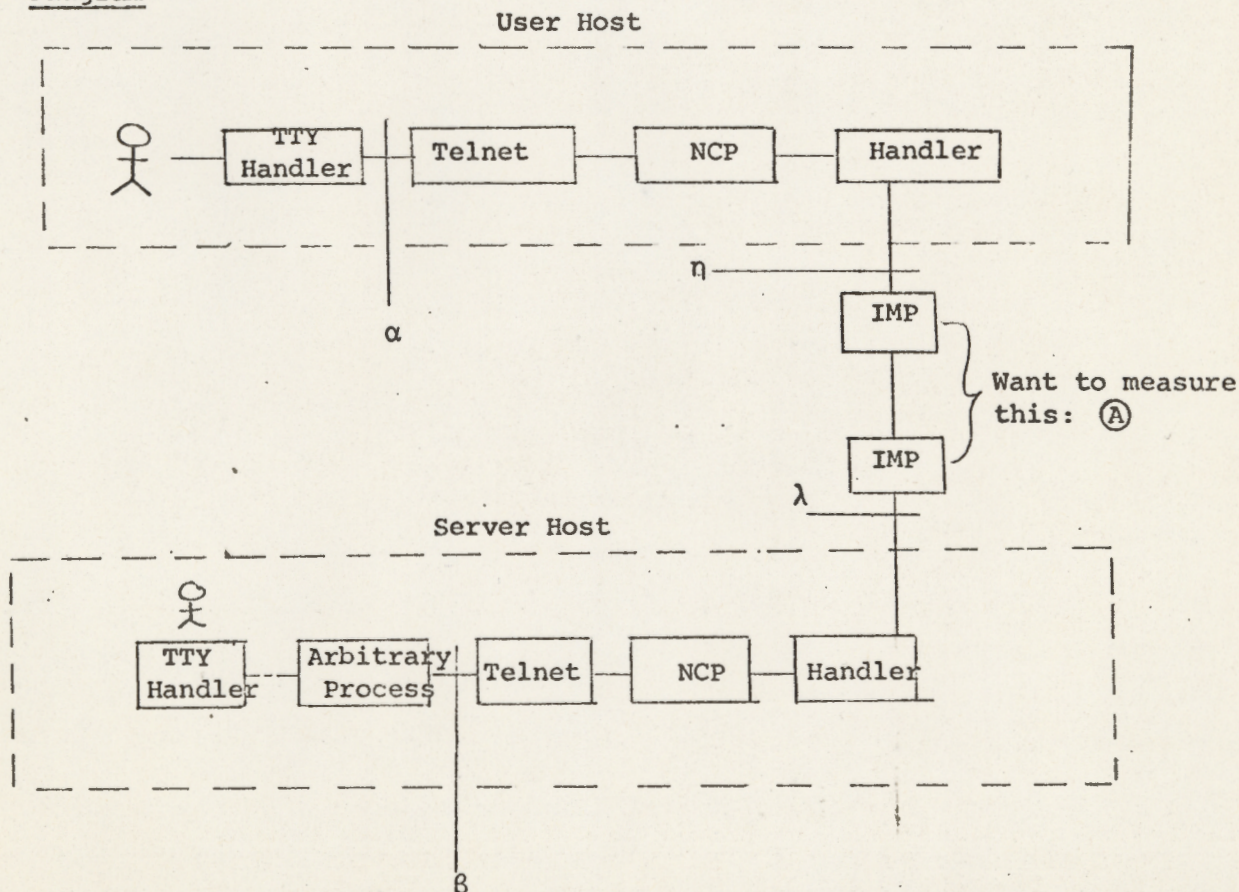
Present: Lou, Johnny, Chuck, Kelvin, Craig, Bill, Eve, Jon, Mark K. Ari, Dave F.

Policy on users of SEX: System tends to get overloaded. Jon will update schedule in SEX notebooks. Various suggestions were raised: Restrict assemblies to BOTCH, cut down on terminals, allow jobs to have more time in long quantum queue, etc. Have decided to keep policy the same until new scheduler is up. Will take action only after data is in from the scheduler. Network measurements have first priority.

Jon's talks: Talked with NOTS; they're interested in ARPA net. Will have visitor from NAVY during Christmas time or so. For more information, see Administrative Note #177.

Design Note #89: Ari, Lou, and Jon met with Dr. Kleinrock yesterday. Highest priority is measurements of traffic between IMP's and also delays. Secondary is traffic between Hosts and delays between Hosts.

Diagram



Want to also measure traffic/delay between α and β ; between λ and β , and between α and η .

Another addition is measurement of maximum throughput/delay should an IMP get saturated.

Suggestions: 1) Finer control over measurements. 2) Idea of second operator was unclear. 3) Leaving system up all night seemed to have worked alright last night. 4) For changes to SEX, items 4^d and 4^e are not currently of interest. 5) Item 5 in recommendations was important.

Socket Names: See Administrative Note #177. Method 2 is preferred. Can get your number by looking at ACCOUNT FILE. Will be published as convention in SEX Notebook.

Policy on Unattended System: Not clear that we wish to change present policy. Requires more thought.

Vint and Howard's Idea: Don't DLOAD library in. Only when you begin execution, then you bring it in. Problems: 1) Need fixed addresses, assuming reasonable sized program; 2) May require modification to DLOAD, BF:PIN, etc.

System Status: New NCP Events software in, no change to RJSNET and Loggers. Been building experim. system all week which has measurement hooks. Lou is presently working on clocks; will not show up to user except as a system call. No difference in user interaction. Went to 3 disk system Monday. New DEBUGX.

Plan Review: See Adm. Note #176.

Comments:

1. Increase SEX hours, should be changed to Ari.
2. Mark will do B-Sys changes to Lou, relative to 24-hour clock.
3. DEC-340: CSK will write design note; Kelvin and Craig are getting together.
4. Network Measurement programs will not be written for a little while.
5. Eve and Mario are working together.
6. Jon feels accounting is important, Ari doesn't. Gain is how our machine is used.

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Last night to this Morning:

1. Tom was doing Meta 7.
2. Craig had port 3 problems. Was fixed by Ari.
3. Craig also had problems with Tape Process. Also had problem with logging on. See SEX log.
4. Why didn't we boot from tape? Jon found everything ok. Lou thought we didn't have boot from tape.

Kelvin Sei's progress report.

This week

1. Finished my term paper for 225M.
2. Gave a talk.
3. Took a final.
4. Worked on second-pass correction to thesis.

Next week:

Finish thesis editing and get started on DEC-340 Loader.